

## NITED STATES PATENT AND TRADEMARK OFFICE IN THE

In re Patent Application of

Ryota AKIYAMA, et al.

Serial No.: 08/510,122

Filed: July 31, 1995

Examiner: To Be Assigned

## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents & Trademarks Washington, D.C. 20231

Sir:

For:

In accordance with the duty of disclosure provisions of 37 C.F.R. §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the application.

- 1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. [X] Form PTO-1449.
  - [X] 1b. Copies of publications.

SOFTWARE REPRODUCTION APPARATUS

- An English language copy of search report(s) from a counterpart foreign application or 1c. PCT International Search Report.
- Explanations of relevancy (ATTACHMENT 1(d), hereto) or English language abstracts of 1d. [ ] the non-English language publications.
- List of Copending Applications (ATTACHMENT 1(e), hereto). 1e. [ ]
- This Information Disclosure Statement is filed under 37 C.F.R. §1.97(b) before the latter of three 2. [x] months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or certification is required.
- This Information Disclosure Statement is filed under 37 C.F.R. §1.97(c) after the first Office Action 3. [] on the merits, but before a Final Office Action or a Notice of Allowance.

(Check either Item 3a or 3b)

The Certification Statement in Item 5 below is applicable. Accordingly, no fee is 3a. [ ] required.

Rev. 12/6/93 º1992, 1993 Staas & Halsey [Form-Post USPA filing]

٠,	· <b>4</b>	36.	ĨÌ	The \$220.00 fee set forth in 37 C.F.R. §1.17(p) in accordance with 37 C.F.R. §1.97(c) is: [ ] enclosed. [ ] to be charged to Staas & Halsey Deposit Account No. 19-3935.	
			(/te	em 3b to be checked if any reference known for more than 3 months)	
4.	[]	This Information Disclosure Statement is filed under 37 C.F.R. §1.97(d) after Final Office Action or Notice of Allowance, but before payment of Issue Fee.			
		4a.	[]	The Certification Statement in Item 5 below is applicable. Accordingly, no fee is required.	
		4b.	consid	tition to the Commissioner is hereby made under 37 C.F.R. §1.97(d) to request deration of this Information Disclosure Statement. The \$130.00 fee set forth in 37 C.F.R. '(i)(1) is: enclosed.	
			[]	to be charged to Staas & Halsey Deposit Account No. 19-3935.	
		The	Certific	eation Statement in Item 5 below is applicable.	
5.	[]	Certi	ification	n Statement (applicable if Item 3a or Item 4 is checked)	
				(Check either Item 5a or 5b)	
		5a.	[ ]	In accordance with 37 C.F.R. §1.97(e)(1), it is certified that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.	
		5b.	[]	In accordance with 37 C.F.R. §1.97(e)(2), it is certified that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known by any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.	
6.	[]	A co	ntinuat	tion application under 37 C.F.R. §1.60 or §1.62 is concurrently filed herewith.	
				(Check appropriate Items 6a, 6b and/or 6c)	
		6a.	[ ]	A Petition to Withdraw from issue under 37 C.F.R. §1.313(b)(5) is concurrently filed herewith. A continuation application under 37 C.F.R. §1.62 after payment of the issue fee is proper in accordance with the U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2032 (Reply to Comment 82).	
		6b.	[ ]	Copies of the publications listed on Form PTO-1449 from prior application Serial No, filed on, of which this application claims priority under 35 U.S.C. §120, have been omitted pursuant to 37 C.F.R. §1.98(d).	
		6c.	[ ]	Copies of the publications listed on Form PTO-1449 which were not previously cited in prior application Serial No, filed on, of which this application claims priority under 35 U.S.C. §120, are provided herewith.	

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ر 7. ﴿ عَ	This is a Supplemental Information Disclosure Statement. (Check either Item 7a or 7b)
	7a. [] This Supplemental Information Disclosure Statement under 37 C.F.R. §1.97(1 supplements the Information Disclosure Statement filed on A bon fide attempt was made to comply with 37 C.F.R. §1.98, but inadvertent omissions wer made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on
	7b. [ ] This Supplemental Information Disclosure Statement is timely filed within one (1) month of the U.S. Patent & Trademark Office Notice under 37 C.F.F §1.97(i).
8. []	In accordance with 37 C.F.R. §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:
	(Check Item 8a, 8b or 8c)
	8a. [ ] satisfied because all non-English language publications were cited on the enclose English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreig office. See U.S. Patent & Trademark Office's authorization in the Federal Register, Vo 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).
	8b. [ ] set forth in the application.
	8c. [ ] enclosed as an attachment hereto.
9.	The Commissioner is authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement and/or Petition to Staas & Halsey Deposit Account No. 19-3935.
10.	No admission is made that the information cited in this Statement is, or is considered to be, materia to patentability nor a representation that a search has been made (other than a search report of foreign counterpart application or PCT International Search Report if submitted herewith). 37 C.F.R § § 1.97(g) and (h).
	Respectfully submitted,
	By: James D. Halsey, Jr. Registration No. 22,729

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Date: June 19, 1996

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